

**Listing of Claims:**

1-53 (Canceled)

54. (Currently amended) A method for detecting an infection of an acid-resistant ~~microorganism~~  
bacterium belonging to the genus *Helicobacter* in a ~~mammal~~ human, comprising:

- (a) incubating a stool sample of the ~~mammal~~ human with at least two different monoclonal antibodies, ~~fragments or derivatives thereof or Fab-, F(ab)'<sub>2</sub>, Fv-, or scFv-~~  
fragments thereof under conditions allowing formation of complexes between antigens from the acid-resistant ~~microorganism~~ bacterium and the antibodies ~~fragments or derivatives thereof or Fab-, F(ab)'<sub>2</sub>, Fv-, or scFv-~~  
fragments thereof, in which
- (aa) a first monoclonal antibody ~~or fragment or derivative thereof or Fab-, F(ab)'<sub>2</sub>, Fv-, or scFv-~~  
fragment thereof specifically binds an epitope of a first antigen, which shows at least with some ~~mammals~~ humans a structure after intestinal passage that corresponds to a native structure, or a structure which a ~~mammal~~ human produces antibodies against after being infected or immunized with the acid-resistant ~~microorganism~~ bacterium, an extract or lysate thereof, protein therefrom, a fragment thereof or synthetic peptide, which epitope is the epitope of an antigen selected from the group consisting of: a urease, a heat shock protein, an alkylhydroperoxide-reductase, a 20kDa-protein, a 16.9kDa-protein and a 33.8kDa-protein;
- (ab) a second monoclonal antibody ~~or fragment or derivative thereof or Fab-, F(ab)'<sub>2</sub>, Fv-, or scFv-~~  
fragment thereof specifically binds an epitope of a second antigen, differing from the epitope of the first antigen, which shows at least with some ~~mammals~~ humans a structure after intestinal passage that corresponds to the native structure, or a structure which a ~~mammal~~ human produces antibodies against after being infected or immunized with the acid-resistant bacterium, an extract or lysate thereof, a protein therefrom, a fragment thereof or a synthetic peptide, in which the groups of ~~mammals~~ humans according to (aa) and (ab) may overlap, and in total essentially make up the overall number of infected, ~~mammals~~ humans, which epitope is the epitope of an antigen selected from the group consisting of: urease, a heat shock protein, an alkylhydroperoxide-reductase, a 20kDa-protein, a 16.9kDa-protein and a 33.8kDa-protein; and